



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: June 23, 2009

TO: Mayor and Councilmembers

FROM: Airport Department

SUBJECT: Santa Barbara Airport Thermal Image Camera Project

RECOMMENDATION: That Council:

- A. Approve additional Change Order expenditure for Purchase Order 380668 with Taft Electric Company in the amount of \$21,356 for the Santa Barbara Airport Thermal Image Camera Project; and
- B. Authorize use of \$21,356 remaining in a completed capital project in the Airport Capital Fund for the Thermal Image Camera Project.

DISCUSSION:

PROJECT BACKGROUND AND DESCRIPTION

Currently, the Santa Barbara Airport has over thirty cameras that are used for security and access control purposes. Most of these cameras are installed at existing access portals (gates) that limit access to the Airfield Operations Area. However, there are three unique locations at the Airport where a creek enters or exits airport property that have no cameras, and fences are not practical at controlling access to the Airfield Operations Area. In each of these locations, the Transportation Security Administration has required the Airport to install thermal imaging cameras that can detect persons entering the Airport and alert Airport Security.

This work was awarded by Council on July 29, 2008, to Taft Electric Company for \$181,300, including a change order authority of \$18,130.

INCREASE CHANGE ORDER AUTHORITY

To date, Taft Electric Company has completed approximately 95% of the work on the project. However, due to three change orders on the project, the change order authority needs to be increased by \$21,356 to complete the project.

The first item of extra work involved installing new transmission antennas to transmit the camera signal from a remote site to the Airport security operations center. This was necessary because a new building was constructed in the time period between design and construction that blocked the planned "line of sight." The second item of extra work was to install conduit and conductor into an existing Federal Aviation Administration building per FAA direction, which was different from that on the plans. This was due to the fact that the FAA had existing electrical improvements installed that required the contractor to install the project conduit differently than was shown on the plans. The final item of extra work is to provide and install encoders and decoders that will allow different brands of cameras and signal retrieving equipment to function together. During design of the project, the manufacturer of the encoders and decoders produced a product that would operate with the system that is installed in the Airport Security Operations Center. Between design and construction, the manufacturer changed their product line, which now requires additional equipment to decode the camera signal and move the camera.

The following summarizes the proposed contract change order expenditures for Taft Electric Company recommended in this report:

CHANGE ORDER FUNDING SUMMARY

Original Authorized Change Order Allowance (10%)	\$18,130
Authorized Change Orders To Date	\$18,130
Remaining Change Order Funds	\$0.00
Proposed Additional Allowance	\$21,356
Total Proposed Change Order Allowance	\$39,486

The following chart summarizes the contract authorizations:

CONSTRUCTION CONTRACT FUNDING SUMMARY

	Bid Amount	Change Funds	Total
Taft Electric Company	\$181,300	\$18,130	\$199,430
Additional Authorization		\$21,356	\$21,356
TOTAL RECOMMENDED AUTHORIZATION			\$220,786

FUNDING

This project is funded by a remaining balance from a completed capital project in the Airport's Capital Fund. There are sufficient funds in the Airport Capital Fund to cover the cost of this project.

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SUBMITTED BY: Karen Ramsdell, Airport Director

APPROVED BY: City Administrator's Office